

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-769 REV. C AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-769 REV. 1 OR LATER APPROVED REVISIONS
REF. TCCA STC: SH08-38
REF. FAA STC: SR02682NY
REF. EASA STC: 10027063

The purpose of this DSI is to amend weight and balance sections of IIN-D412-769 and ICA-D412-769. A review of the documents has shown that the longitudinal arms and moments are incorrect in these two documents. The lateral arms and moments remain correct.

Amend Section 4 of IIN-D412-769 and Section 25.8 of ICA-D412-769 per the table below.

Amend the weight and balance record of any aircraft that have D412-769-XXX kits installed.

WEIGHT AND BALANCE


INSTALLATION	WEIGHT	LATERAL ARM	LATERAL MOMENT	LONG. ARM	LONG. MOMENT
D412-769-011 AFT FACING SEAT KIT	60.0 lb 27.2 kg	0.0 in 0.0 m	0.00 in-lb 0.00 m-kg	78.2 in 1.99 m	4694 in-lb 54.1 m-kg
D412-769-041 AFT FACING SEAT, LH (NORMAL POSITION)	30.0 lb 13.6 kg	-16.1 in -0.41 m	-483.0 in-lb -5.58 m-kg	78.2 in 1.99 m	2347 in-lb 27.1 m-kg
D412-769-042 AFT FACING SEAT, RH (NORMAL POSITION)	30.0 lb 13.6 kg	+16.1 in +0.41 m	+483.0 in-lb +5.58 m-kg	78.2 in 1.99 m	2347 in-lb 27.1 m-kg
D412-769-041 AFT FACING SEAT, LH (CENTER POSITION)	30.0 lb 13.6 kg	-1.1 in -0.03 m	-33.0 in-lb -0.41 m-kg	78.2 in 1.99 m	2347 in-lb 27.1 m-kg
D412-769-042 AFT FACING SEAT, RH (CENTER POSITION)	30.0 lb 13.6 kg	+1.1 in +0.03 m	+33.0 in-lb +0.41 m-kg	78.2 in 1.99 m	2347 in-lb 27.1 m-kg
D412-769-041 AFT FACING SEAT, LH (RIGHT POSITION)	30.0 lb 13.6 kg	+13.9 in +0.35 m	+417.0 in-lb +4.76 m-kg	78.2 in 1.99 m	2347 in-lb 27.1 m-kg
D412-769-042 AFT FACING SEAT, RH (LEFT POSITION)	30.0 lb 13.6 kg	-13.9 in -0.35 m	-417.0 in-lb -4.76 m-kg	78.2 in 1.99 m	2347 in-lb 27.1 m-kg

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

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MFG. APPR.	N/A	DSI 9496	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		W & B ADJUSTMENT	NTS
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